

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001160405  
PUBLICATION DATE : 12-06-01

APPLICATION DATE : 02-12-99  
APPLICATION NUMBER : 11343806

APPLICANT : ASAHI GLASS CO LTD;

INVENTOR : MOTOMURA SATORU;

INT.CL. : H01M 8/02 H01M 4/88 H01M 8/10

TITLE : MANUFACTURING METHOD OF SOLID POLYMER FUEL CELL

ABSTRACT : PROBLEM TO BE SOLVED: To provide a manufacturing method for the process of forming catalyst layers on an ion exchange membrane using coating liquid, in which a joined unit of an electrode and membrane has a smooth joining surface with no wrinkles on ion exchange membrane.

SOLUTION: Liquid which contains an ion exchange resin and a catalyst is coated on an ion exchange membrane, comprising perfluorocarbon polymer containing ion exchange group, that is fixed to a base material, and after being dried, the base material is peeled off the ion exchange membrane.

COPYRIGHT: (C)2001,JPO